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GEOGRAPHICAL ABSTRACTS

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PHYSICAL GEOGRAPHY

ANNUAL INDEX

ELSEVIER/GEO ABSTRACTS

GEOGRAPHICAL ABSTRACTS: Physical Geography

UNIVERSITY OF ILLINOIS
AT CHICAGO
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GEOGRAPHICAL ABSTRACTS: PHYSICAL GEOGRAPHY

Annual Index 1995

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Using the index

Subject Index

A single string of keywords is provided for each abstract, each element of which has a separate entry in the index, and appears with the other elements of the string followed by any regional terms from the abstract. The number **immediately following** is the reference number for the abstract.
For example, the string:

cartography, groundwater pollution, vulnerability index, Canada, Quebec, Montcalm; 07629

will appear as:

cartography
groundwater pollution, vulnerability index, Canada, Quebec, Montcalm; 07629

groundwater pollution
vulnerability index, cartography, Canada, Quebec, Montcalm; 07629

vulnerability index
groundwater pollution, cartography, Canada, Quebec, Montcalm; 07629

Where a keyword occurs more than once the entries are blocked and sorted in alphabetical order by the second keyword. For example:

vulnerability index
groundwater pollution, cartography, Canada, Quebec, Montcalm; 7629. land loss, land movement, sea level change, shoreline change, Gulf of Mexico; Carribean Sea; 01366.

Where a general term is being used in a search, it is probably more efficient to look up a specific term first and then use the more general term as a qualifying term.
For example:

(1) **acid mine drainage** and then (2) **groundwater quality** rather than
(1) **groundwater quality** (2) **acid mine drainage**

All the index terms are selected by the editors, so a reasonable degree of consistency can be expected. However, the index does not use a bound vocabulary or thesaurus so it is worth searching all alternative or similar terms.
For example:

carbon-14 see also **radiocarbon**
groundwater pollution see also **groundwater contamination** and **groundwater quality**

In some cases abbreviations have been used as index terms. A listing of abbreviations and accronyms used is provided on pp iv-viii.
For example **GIS** - geographic information systems
ODP - Ocean Drilling Program

Please note that English spelling variants have been used throughout (mechanisation; labour;) and that wherever possible the terms are indexed in the singular - except in cases where to do so would change the meaning of the term.

Author Index

Each author is indexed separately from co-authors, each entry being followed by one or more abstract reference numbers. Please remember to check for listings under various possible combinations of initials.
For example Edwards, K. 06328, 09888
Edwards, K. J. 05690, 12415
may or may not refer to the same individual.

In cases where there are more than six authors, we list the first one cited followed by '& others', so only the first author will appear in the index.
Although in general only the last name is indexed as the surname, in certain cases each separate element of a surname will have an entry. These are:

where surnames contain prefixes; e.g. La, De

where Latin surnames contain both parental names; e.g. A. Garcia Alvarez

where Chinese and some Indo-Chinese names are used; e.g. Peng Chu Zhang

If in doubt, check all possibilities.

Regional Index

Although regional index terms are integrated within the subject index to give context to the keyword string, there is also a separate regional index. This operates on a hierarchical system. Under each country (or broader regional term where appropriate) the terms are progressively indented to the right, to indicate increasing specificity, and the string is only complete when an abstract reference number appears.
For example:
UK, England, Cheshire, Dee Estuary

would appear thus:

UK
England
Cheshire
Dee Estuary; 06380

Another location in the same area (eg. Wirral) would appear at the same level of indentation:

UK
England
Cheshire
Wirral; 05051

Note: All abstracts are indexed as specifically as possible so that, for example, the abstract numbers referenced under "Africa" will NOT contain ALL references to African studies, only those which cannot be narrowed down to a geographically smaller area, and so users will need to check individual country listings. Also, within a country listing the items entered under a town or regional name will NOT appear in the listing of numbers for the general entry for its home country.

Journal Listing

This is a simple alphabetical listing of nearly 1000 periodicals cited in **Geographical Abstracts: Physical Geography** during 1995. A full listing of journals scanned by Elsevier/Geo Abstracts is available from the publisher.

GEOGRAPHICAL ABSTRACTS: PHYSICAL GEOGRAPHY

1995 Cumulative Contents Page

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REGIONAL INDEX	171	347	506	667	826	989	1160	1332	1493	1656	1829	2015

Abbreviations and acronyms

2,4-D = 2,4-dichlorophenoxyacetic acid

AASE = Airborne Arctic Stratospheric Expedition

ACRU model = Agricultural Catchments Research Unit model

ADFEX = Arctic delta failure experiment

AGI = Association for Geographic Information

AMS = accelerator mass spectrometry

ANOVA = analysis of variance

ARMA = autoregressive moving average

ATKIS = Authoritative Topographical Cartographic Information System (Germany)

ATLAS = atmospheric laboratory for applications and science

ATSR = along track scanning radiometer

AVHRR = advanced very high resolution radar

AVIRIS = airborne visible infrared imaging spectrometer

BASIN = simulation of lithosphere's response to loading

BATS = bioshphere atmosphere transfer scheme

BLFMESO = mesoscale boundary layer forecast model

BRDF = bidirectional reflectance distribution function

CAD = computer aided design

CALGRID = California Air Resources Board airshed model

CAM = concentration-adsorption-moisture

CaPE = convection and precipitation/electrification experiment

CAPE = convective available potential energy

CARBOSIM = simulation of carbonate platform development

CAS = cassette acquisition system

CASI = compact airborne spectrographic imager

CASPIA = Climate & Salinity Project

CAT = computed axial tomography

CBs = chlorinated biphenyls

CCA = canonical correlation analysis

CEC = cation exchange capacity

CERCLA = Comprehensive Environmental Response, Compensation & Liability Act

CERES = crop estimation through resource and environment synthesis

CFC = chlorofluorocarbon

CITPUFF = multi source Gaussian puff model

CLAMP = climate-leaf analysis multivariate program

CLASS = cross-chain Loran atmospheric sounding system

COADS = comprehensive ocean-atmosphere data set

CORAL = CTD Oceanographic Rendering & Analysis Laboratory

CPMAS = cross polarisation-magic angle spinning

CREAMS = Chemicals, Erosion Runoff & Agricultural Management Systems

CTD = conductivity-temperature-depth

CZCS = coastal zone colour scanner

DOAS = differential optical absorption spectroscopy

DCB = dichlorobenzidine

DDT = dichlorodiphenyltrichloroethane

DEM = digital elevation model

DEW = distant early warning

DGPS = differential ground positioning system

DIAL = differential absorption lidar

DMSP = Defence Meterological Satellite Program

DMSPp = dimethylsulphoniopropionate

DNAPL = dense non-aqueous phase liquid

DOC = dissolved organic carbon

DOM = dissolved organic matter

DPASV = differential pulse anodic stripping voltammetry

DPWS = digital photogrammetric workstations

DRASTIC = groundwater vulnerability model

DSDP = Deep Sea Drilling Project

DTM = digital terrain model

DTPA = diethyllenetriaminepentaacetic acid

DYANA = Dynamics adapted network for the atmosphere

EASOE = European Arctic Stratospheric Ozone Experiment

ECDIS = electronic chart display and information systems

ECM = electrical conductivity method

ECMWF = European Centre for Medium Range Weather Forecasts

EDTA = ethylenediaminetetraacetic acid

EFEDA = European field experiment in a desertification threatened area

ELISA = enzyme linked immunosorbent assay

EMAP = Environmental Monitoring & Assessment Program

EOS = Earth observing system

EOSDIS = Earth observing system data information system

EPIC = erosion/productivity impact calculator

EPIC = erosion/productivity impact calculator

ERBE = Earth Radiation Budget Experiment

ERV = extended R-value

ESR = electron spin resonance

ESTDM = event-based spatiotemporal data model

EUCREX = European cloud and radiation experiment

EXMAN project = experimental manipulation of forest ecosystems (Europe)

FACE programme = free air co2 enrichment programme

FAPAR = fraction of photosynthetically active radiation

FDTF = first difference of the transfer function

FEM = finite element method

FESHM = Finite Element Storm Hydrographic Model

FIRE = first ISCCP Regional Experiment

GCM = general circulation model

GEBCO = general bathymetric chart of the oceans

GEMS = Geothermal Expert Modelling System

GEOSECS = geochemical ocean sections

GER scanner = geophysical environmental research

GEWEX = Global Water and Energy Cycle Experiment

GLEES = Glacier Lakes Ecosystem Experiment Site

GLONASS = Russian global navigation satellite system

GLUE = generalised likelihood uncertainty estimation

GM = global model

GNSS = global navigation satellite systems

GOES-I = Geostationary Operational Environmental Satellite

GPS = Global Positioning System

GRID = global resource information database

GRIND = ground rock interstitial normative determination

GRIP = Greenland ice core project

GUI = graphical user interface

GVI = global vegetation index

HALOE = halogen occultation experiment

HAPEX = hydrological atmospheric pilot experiment

HCFC = hydrochlorofluorocarbon

HCH = hexachlorocyclohexane

HIRLAM = high resolution limited area model

HIRS = high resolution infrared sounder

HPLC = high performance liquid chromatography

ICAP = inductively coupled argon plasma

ICES = International Council for the Exploration of the Sea

IGAC = International Global Atmospheric Chemistry project

IGBP = International Geosphere-Biosphere programme

IGBP-DIS = International Geosphere-Biosphere Programme data and information system

IGCP = International Geochemical Mapping Project

IGS = international GPS service for geodynamics

IHS transformation = intensity-hue-saturation

IPCC = Intergovernmental Panel on Climate Change

IR = infrared

IRS = Indian remote sensing satellite

IRSL = infrared stimulated luminescence

ISCCP = International Satellite Cloud Climatology Project

ITCZ = intertropical convergence zone

ITTA = international agreement on tropical timber

IVHS = intelligent vehicle highway system

JGOFS = Joint Global Ocean Flux Study

KINDISP = kinetics of dissolution & precipitation model

KOREL = knowledge based object recognition system that learns

LADM = Lagrangian atmospheric dispersion model

LD-TOF mass spectrometry = laser desorption time-of-flight mass spectrometry

LIPM = laser integrating plate method

LOICZ = land-ocean interactions in the coastal zone

MAGIC = model for acidification of groundwater in catchments

MAPS = mesoscale analysis and prediction system

MAR = mass accumulation rate

MARIN = marine terrace formation model

MEIS = multi-detector electro-optical imaging scanner

MMT = methylcyclopentadienyl manganese tricarbonyl

MODIS = moderate resolution imaging spectrometer

MONTBLEX = Monsoon Trough Boundary Layer Experiment

NAPAP = National Acid Rain Precipitation Project (USA)

NAPL = non-aqueous phase liquids

NAVSTAR = American global positioning system

NCAR CCM1 = National Centre for Atmospheric Research community climate model version 1

NCAR CCM2 = National Centre for Atmospheric Research community climate model version 2

NDVI = normalised difference vegetation index

NESDIS-TOVS = National Environmental Satellite Data and Information Service - TIROS operational vertical sounder

NEXRAD = next generation weather radar

NICA = non-ideal competitive adsorption model

NITREX project = nitrogen saturation experiment (Europe)

NLEAP = nitrogen leaching and economic analysis package

NMC = National Meteorological Centre

NMR = nuclear magnetic resonance

NOAA/CMDL= National Oceanic and Atmospheric Administration/Climate Monitoring and Diagnostics Laboratory

NSSDC = National Space Science Data Centre

NTRM = nitrogen, tillage and residue management

NUCSAM = site-scale soil acidification model

OCDD = octachlorodibenzo-p-dioxin

OCDF = octachlorodibenzofuran

OCs = organochlorines

ODE = ordinary differential equation

OTTER = Oregon transect ecosystem research project

PAH = polycyclic aromatic hydrocarbon

PC = personal computer

PCB = polychlorinated biphenyl

PCDD = polychlorinated dibenzo-p-dioxin

PCDF = polychlorinated dibenzofuran

PCP = pentachlorophenol

PDA = pyridine-2,6-dicarboxylic acid

PESA = proton elastic scattering analysis

PIXE = proton induced X-ray emission

PMSE = Polar mesosphere summer echo

POES = polar orbiting environmental satellite

PRINCE = program for measuring incremental costs for the environment

Py-GC-MS = pyrolysis gas chromatography mass spectroscop

Py-MS = pyrolysis mass spectroscopy

QSARs = quantitative structure-activity relationships

QUASIMEME = Quality Assurance of Information in Marine Environmental Monitoring in Europe

RASS = radio acoustic sounding system

RDP = reconstruction and development programme

RESAM = regional soil acification model

SAGE I & II = stratospheric aerosol & gas experiment I & II

SAGE = stratospheric aerosol and gas experiment

SAM = stratospheric aerosol measurement

SAR = synthetic aperture radar

SASW = spectral analysis of surface waves

SAVI = soil-adjusted vegetation index

SBUV = solar backscattered ultraviolet

SCEM-UA = shuffled complex evolution method developed at the University of Arizona

SDTS = spatial data transfer standard

SeaBASS = sea viewing wide field of view sensor bio optical archive & storage system

SeaWifs = sea viewing wide field of view sensor

SEDTRANS = sediment transport model

SEEP experiment = Shelf Edge Exchange Processes Experiment

SEM = scanning electron microscopy

SIGMA Program = Significant Interactions Generating Marine Aggregates

SIMD computer = single instruction stream, multiple data stream computer

SIMS = secondary ion mass spectrometry

SIR-B = shuttle imaging radar-B

SLAR = side-looking airborne radar

SLR = side looking radar

SONIA = southeast oxidants and nitrogen intensive analysis

SPADE = stratospheric photochemistry, aerosols & dynamics expedition

SSM/I = special sensor microwave imager

SSSI = site of special scientific interest (UK)

SST = sea surface temperature

STABLE II = stable Antarctic boundary layer experiment

TAPAS = topographic air pollution analysis system

TCAB = 3,3',4,4'-tetrachloroazobenzene

TCE = trichloroethylene

TCLP = toxicity characteristic leaching procedure

TDRSS = tracking and data relay satellite system

TDS = total dissolved solids

TFAP = tropical forestry action plan

TIROS = television and infrared observation satellite

TL = thermoluminescence

TLSER = theoretical linear solvation energy relationship

TM = Thematic Mapper

TOA array = tropical atmosphere-ocean buoy array

TOVS = TIROS Operational Vertical Sounder

UAM = urban airshed model

UGAMP = UK Universities Global Atmospheric Modelling Programme

USGS WEBB = United States Geological Service Water, Energy and Biogeochemical Budgets Study

USLE = universal soil loss equation

UVB = Ultraviolet B

VIP = vadose zone interactive processes

VLBI = very long baseline interferometry

VOC = volatile organic compounds

VTIR = visible and thermal infrared radiometers

WEOC = water extractable organic carbon

WEPP = Water Erosion Prediction Project

WHAM = Windermere humic aqueous model

WINDII = wind imaging interferometer

WMO = World Meteorological Organisation

WXGEN = weather generator (component model of EPIC)

XAFS = X-ray absorption fine structure spectroscopy

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07077. groundwater resource, hydrogeology, seawater intrusion, freshwater ridge, lithological mapping, India, Tamil Nadu, Madras; 12263. herbicide, agricultural practice, USA, Delaware, Sussex County, Fairmount; New Castle County, Vandyke; 04573. herbicide, preferential flow, subsurface drainage, leaching, tracer, 03345. hydrogeological zoning, groundwater protection, land use effect, Slovak Republic; 03326. infiltration pond, stormwater infiltration, chloride contamination, trace metal, USA, Maryland, Annapolis; Greenmount; USA, Maryland, Prince Frederick; 09695. infiltration, urban stormwater, water quality management, soil water quality, 03290. karst aquifer, hydrogeology, solute transport, Mexico, Yucatan; 09704. kinetic model, biotransformation, tetrachloroethylene, 13575. lake water quality, karst hydrology, water quality management, wastewater disposal, Australia, South Australia, Mt Gambier; Blue Lake; 00807. landfill leachate, organic contaminant, chemical oxygen demand, biochemical oxygen demand, mutagenicity, 05743. leaching, nitrogen fertiliser, Nigeria; 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14983. nitrate pollution, agriculture, nitrogen dynamics, Germany; 08409. nitrate, agrochemical, nonpoint source pollution, well sampling, USA, Nebraska, Merrick County; 13561. nitrate, groundwater protection, agricultural practice, denitrification, Germany; 07060. nitrate, sulphate, bacteria, biodegradation, redox reaction, biofilm, 05758. nitrogen limited conditions, aquifer, microbial population, carbon availability, dissolved oxygen, Canada, Ontario, Borden; 13573. nitrogen, poultry litter, nutrient loss, phosphorous, runoff water quality, USA, Alabama; 03294. non aqueous phase liquid, multiphase flow, saturated/unsaturated flow, pressure-saturation relationship, sand, image analysis, contaminant transport, 12219. non Gaussian velocity, uncertainty, Eulerian-Lagrangian theory, solute transport, Gaussian model, contaminant plume, 14974. nonpoint source pollution, agricultural pollutant, groundwater quality management, Estonia, Selja River; 07102. nuclear reactor, radionuclide transport, hazardous accident, 05742. oil shale mining, water level elevation, groundwater resource, Estonia; 05766. organic contaminant, contaminant source, potable water quality, water resource, surface water quality, USA, California; 09750. permeability, grain size distribution, particle transport, 14942. pesticide, detection methodology, Switzerland; 07033. pesticide, leaching, simulation model, contaminant transport, fate, USA, Virginia; 03293. phosphate, fertiliser, cadmium, India, Andhra Pradesh, Hyderabad; 13570. phosphorus, tailings dam, phytoplankton, eutrophication, nitrogen, Spain, Madrid, Herrero Island; 03305. photochemical reaction, organic matter decomposition, groundwater recharge, uranium infiltration, river water quality, Switzerland, Glatt River; Greifen Lake; 12226. pit latrine, leaching, water quality management, nitrate, Botswana; India; 00774. potable water quality, lithology, water chemistry, sulphate, fluoride, magnesium, lead, nitrate, sodium, chloride, surface water quality, India, Bihar, Dhanbad District, Damodar River; 09705. potable water quality, methyl mercury, mercury, USA, New Jersey; 12227. potable water quality, nitrate/nitrogen, fertiliser, land use practice, agricultural pollutant, Canada, British Columbia, Grand Forks; 03332. potable water quality, uranium-238, radionuclide, radioactivity, Finland; 07068. precipitation quality, chlorinated acetic acid, organic contaminant, nitrophenol, airborne contaminant, Germany; 05770. preferential flow, model, solute transport, hydraulic conductivity, contaminant, 03029. radon, hydrogeology, karst spring, Hungary, Bukk Mountains; 03316. radon, radium, spa water, spring water quality, Spain, Cantabria; 12231. reductive dechlorination, bioremediation, biotransformation, dichloroethylene, anaerobic conditions, 13577. remedial action, water management, river water quality, water quality management, Italy, Po River; 00706. remedial treatment, lead, cadmium, India, Andhra Pradesh, Visakhapatnam; 03307. remediation, pentachlorophenol, water contamination, surface water quality, 00681. retardation mechanism, selenium, reservoir water quality, chemical transport model, sediment, USA, California, Kesterson Reservoir; 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04574. soil amendment, mushroom substrate, agricultural practice, nitrate, salt, soil water quality, USA,

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08418. fractured rock aquifer, groundwater resource, specific yield, specific storage, USA, California, San Diego County, Lee Valley; 08435. groundwater abstraction, catchment model, groundwater management, river discharge, UK, England, Allen River; 03366. groundwater abstraction, water resource management, groundwater resource, groundwater management, 08423. groundwater chemistry, dissolved inorganic carbon, isotope, groundwater age, recharge mechanism, New Zealand, North Island, Poverty Bay; 03309. groundwater discharge, permafrost, climate change, groundwater flow, 09721. groundwater discharge, salinity, sodic soil, river water quality, floodplain, Australia, South Australia, Murray River, Chowilla; 02023. groundwater flow, aquifer system, stable isotope, Morocco, Atlas Mountains, Tadla Basin; 14918. groundwater flow, problem identification, modelling, unsaturated flow, 03278. groundwater model, dune field, oasis, semiarid region, Nigeria, Manga Grasslands; 05722. groundwater model, historical hydrology, water table elevation, climate, precipitation quantity, Middle East, Arabian Peninsula; 10821. groundwater quality, aquifer characteristics, groundwater resource, environmental isotope, Egypt, El Dabaa; 03304. groundwater quality, groundwater chemistry, potable water quality, weathering, dissolution, Nigeria, Kwara State, Moro; 09709. groundwater quality, groundwater protection, hydrogeological mapping, numerical modelling, recharge area, USA, Minnesota, Rochester, St Peter-Prairie du Chien-Jordan Aquifer; 08364. groundwater resource, environmental isotope, water management, runoff, storage, China, Xinjiang, Tianshan Mountain; 09756. groundwater resource, uranium isotope, groundwater origin, mixing ratio, stable isotope, China, Shandong Province, Liangcheng; 05720. hydroclimatic model, mountain front recharge, water balance, USA, Arizona; 04501. hydrogeochemistry, tritium, Israel, Dead Sea; 13539. hydrological balance, pool, Africa, Sahel; 05714. infiltration, centrifuge, unsaturated flow, hydraulic conductivity, USA, Washington; California, San Joaquin Valley; 04513. karst aquifer, environmental isotope, salinity, irrigated agriculture, localised recharge, diffuse recharge, Australia, South Australia; 11011. karst topography, rainfall/runoff relationship, flooding, basin model, antecedent soil moisture, USA, Kentucky, Jessamine/Woodford Country, Sincking Creek Valley; 03182. lake inflow, flow-through lake, surface water-groundwater interaction, groundwater flow, groundwater discharge, 04440. land use effect, land clearance, salinisation, Australia, New South Wales, Mallee; 05805. macrodispersion, groundwater flow, 02076. noble gas, matrix porosity, groundwater origin, environmental isotope, Poland, Sudeten, Ladek Spa; 14927. oasis, groundwater hydrology, playa, groundwater resource, agricultural development, Nigeria, Manga Grasslands; 05823. oxygen-18, groundwater origin, isotope analysis, groundwater chemistry, salinity, India, Rajasthan, Pushkar Valley; 03306. paved area runoff, soakaway, groundwater contamination, UK; 08368. piezometric fluctuation, recharge process, spatial variability, infiltration rate, groundwater resource, Niger, Niamey; Africa, Sahel; 07014. recharge efficiency, water resource management, stormwater management, recharge dam, infiltration pond, Saudi Arabia; 13612. recharge estimation, arid zone, chlorine balance, tracer method, soil water flux, Australia; 04508. recharge rate, artificial recharge, groundwater mound, water table fluctuation, 03282. recharge trench, sediment fouling, microbial fouling, 00763. remote sensing, streamflow, ephemeral stream, arid region, transmission loss, 00605. runoff water, stratification, meromictic lake, lake water origin, thermal groundwater discharge, satellite imagery, Turkey, Lake Koycegiz; 13448. safe yield, aquifer yield, groundwater discharge, hydrogeology, groundwater resource, USA, Idaho, Lewiston Basin; 04587. salt water intrusion, groundwater resource, surface water-groundwater interaction, groundwater flow, chalk aquifer, drought, UK, England, Kent(East); 14924. sewage effluent, artifical wetland, wastewater treatment, USA, California, San Jacinto Valley; 07120. solute transport, unsaturated zone, fissure flow, chalk aquifer, tracer test, UK; 00740. sulphate reduction, groundwater chemistry, biogenic reduction, isotopic fractionation, Canada; 03289. surface water-groundwater interaction, anisotropy, hydraulic conductivity, USA, New York, Broome County, Susquehanna River; 04516. surface water-groundwater interaction, confined aquifer, hydrogeology, groundwater discharge, France, Seine Valley; 00757. surface water-groundwater interaction, mountain front recharge, streamflow model, parameter estimation, maximum likelihood method, USA, Arizona; 04502. surface water-groundwater interaction, temperature time series, sediment temperature, surface temperature, creek, water flux, 14899. tectonic graben, groundwater origin, groundwater resource, confined aquifer, Greece, Thessalonika Plain, Axios River; 00760. temporal variability, evaporation rate, groundwater flow, rainfall pattern, antecedent soil moisture, 05715. tracer age, tritium, krypton-85, CFC, groundwater dating, USA, Delmarva Peninsula; 04556. transient recharge, surface water-groundwater interaction, Boussinesq equation, water table fluctuation, 14926. transmissivity, spatial variability, groundwater flow, 02069. transmissivity, spatial variability, groundwater flow, 02070. uranium infiltration, river water quality, groundwater quality, photochemical reaction, organic matter decomposition, Switzerland, Glatt River; 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07124. carbonate aquifer, discharge, hydrogeology, USA, Ohio, Mad River Valley; 14917. computer model, water delivery system, pipeline hydraulics, Libya; 03370. confined aquifer, groundwater recharge, tectonic graben, groundwater origin, Greece, Thessalonika Plain, Axios River; 00760. construction industry, groundwater level, water table rise, 07110. environmental isotope, groundwater recharge, groundwater quality, aquifer characteristics, Egypt, El Dabaa; 03304. environmental isotope, point source pollution, nonpoint source pollution, groundwater quality, South Africa; 07077. environmental isotope, water management, runoff, storage, groundwater recharge, China, Xinjiang, Tianshan Mountain; 09756. fossil water, renewable resource, salt pan, recharge, discharge, abstraction, groundwater balance, Saudi Arabia, Umm Er Radhuma; 11025. glacial deposit, paraglacial formation, hydrogeology, aquifer, France, Geneva Lake Basin; 00754. glaciolacustrine deposit, deglaciation, kame terrace, France, Geneva Lake Basin; 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09753. groundwater exploitation, aquifer yield, water level fluctuation, well casing, borehole construction, crystalline aquifer, Nigeria; 11027. groundwater exploitation, groundwater management, land reclamation, water table fluctuation, Bahrain; 15002. groundwater exploitation, groundwater quality, seawater intrusion, land subsidence, over exploitation, China; 07130. groundwater flow, aquifer/aquitard units, delineation method, sedimentary architecture, hydrogeology, USA, Kansas, Dakota Aquifer System; 10950. groundwater flow, boundary fitted coordinates, finite difference method, China, Jiangsu Province; 03284. groundwater flow, hydrogeology, coastal aquifer, USA, Mississippi; Alabama; 03285. groundwater flow, regional aquifer, hydrogeology, USA, Kansas; Wyoming; USA, Nebraska; USA, Arkanasas; USA, Colorado; USA, Missouri; USA, New Mexico; USA, Okalhoma; USA, South Dakota; USA, Texas; 07026. groundwater level, hydrogeological map, groundwater quality, water balance, Mexico, Hidalgo, Pachuca, Avenidas River; 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Erlanger Geologische Abhandlungen
ESA Bulletin
ESA Journal
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Estuarine, Coastal & Shelf Science
Estudios Geograficos
Estudios Geologicos
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European Journal of Soil Science
European Review
European Water Pollution Control
Facies
Felsbau
FEMS Microbiology Ecology
Fertilizer Research
Field Studies
Filtration & Separation
Finisterra
Fisheries Management & Ecology
Fluid Dynamics Research
Fluid Mechanics Research
Fluid Phase Equilibria
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Forestry
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Frankfurter Geowissenschaftliche Arbeiten, Serie D: Physische Geographie
Freiberger Forschungshefte, Reihe C
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Freshwater Biology
Functional Ecology
Gelogie de la France
General Technical Report - US Department of Agriculture, Forest Service
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Geobios
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Geographical Bulletin - Gamma Theta Upsilon
Geographical Journal
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Geography Bulletin - Gamma Theta Upsilon
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Geologia Croatica
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GFF
Giessener Beitrage zur Entwicklungsforschung, Reihe I (Symposien)
Giornale di Geologia
GIS Europe
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Global & Planetary Change
Global Biogeochemical Cycles
Global Ecology & Biogeography Letters
Global Environment Facility Working Paper
Global Environmental Change
Gortania
GPS World
Grana
Graphical Models & Image Processing
Great Plains Research
Groundwater Management
GSA Today
GWF Wasser-Abwasser
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Monografias - Instituto Espanol de Oceanografia
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Quarterly Journal - Royal Meteorological Society
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Queensland Geographical Journal
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Report - UK Institute of Hydrology
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Reports of Investigations - Delaware Geological Survey
Research Paper - US Department of Agriculture, Forest Service
Resource Publication - US Fish & Wildlife Service
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Umi no Kenkyu
Underwater Technology
UNGI Rapport - Uppsala Universitet, Naturgeografiska Institutionen

Universo
URISA Journal
US Army Coastal Engineering Centre - Instruction Report
US Geological Survey Bulletin
US Geological Survey Circular
US Geological Survey Professional Paper
US Geological Survey Techniques of Water Resources Investigations
US Geological Survey Water-Supply Paper
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Verhandlungen - Gesellschaft fur Okologie
Vestnik Ceskeho Geologickeho Ustavu
Vie et Milieu
Vizugyi Kozlemenyek (Budapest)
Vodohospodarsky Casopis/Journal of Hydrology & Hydromechanics
Warta Geologi
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Waste Management
Waste Management & Research
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Water Resources Development
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Water Resources Research
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Water Supply
Water, Air & Soil Pollution
Weather & Forecasting
Weatherwise
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